

FOR NATIONAL PHASE SUBMISSION

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CLAIM AMENDMENTS

WHAT IS CLAIMED IS:

This listing of the claims will replace all prior versions, and listing, of claims in the application:

1. (Currently Amended) ~~Brush~~ A brush system for an electromotive drive unit, comprising:

- a base plate~~(9)~~,
- brush system elements, ~~in particular brush holder supports (10)~~ mounted on the base plate~~(9)~~,
- conductors~~(13)~~ provided on or in the base plate and
- at least one electrical flat resistor enclosed in a resistor housing~~(14)~~, said resistor housing~~(14)~~ being made of a thermally conductive material and provided with air passage openings~~(15)~~.

2. (Currently Amended) ~~Brush~~ A brush system according to Claim 1, ~~characterized in that wherein~~ the base plate~~(9)~~ has an essentially discoidal shape and has a cut-out~~(18)~~ in its central area for accommodating the armature shaft with the commutator.

3. (Currently Amended) A brush system according to Claim 1, wherein Brush system according to one of the preceding Claims, characterized in that the resistor housing~~(14)~~ is disposed in the same plane as the base plate~~(9)~~ and is inserted in another cut-out in the base plate~~(9)~~.

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4. (Currently Amended) A brush system according to Claim 3, wherein Brush system according to Claim 3, ~~characterized in that~~ the resistor housing ~~(14)~~ is essentially disk-segment-shaped.

5. (Currently Amended) A brush system according to Claim 1, wherein Brush system according to one of the preceding Claims, characterized in that the resistor housing ~~(14)~~ is connected to the base plate ~~(9)~~ via snap-in connections ~~(17)~~.

6. (Currently Amended) A brush system according to Claim 1, wherein Brush system according to one of the preceding Claims, characterized in that the flat resistor contained in the resistor housing ~~(14)~~ is connected via connecting lugs ~~(16)~~ to the conductors ~~(13)~~ of the base plate ~~(9)~~.

7. (Currently Amended) A brush system according to Claim 1, wherein Brush system according to one of the preceding Claims, characterized in that the air passage openings ~~(15)~~ are bore- or slit-shaped perforations through the resistor housing.

8. (Currently Amended) A brush system according to Claim 1, wherein Brush system according to one of the preceding Claims, characterized in that the resistor housing ~~(14)~~ is made of a light metal.

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9. (Currently Amended) A brush system according to Claim 1, wherein Brush system according to one of the preceding Claims, characterized in that the resistor housing is provided with surface-enlarging extensions.

10. (Currently Amended) A brush system according to Claim 9, wherein Brush system according to Claim 9, characterized in that the surface-enlarging extensions are beads or flanges.

11. (Currently Amended) A brush system according to Claim 9, wherein Brush system according to Claim 9, characterized in that the surface-enlarging extensions are air flow deflecting elements—(19).

12. (Currently Amended) A brush system according to Claim 9, wherein Brush system according to one of Claims 9—11 characterized in that a surface-enlarging extension is provided for contacting the resistor housing to the motor housing.

13. (Currently Amended) A brush system according to Claim 1, wherein Brush system according to one of the preceding Claims, characterized in that the flat resistor is a resistor foil, a meander-shaped flat resistor or a wire-shaped resistor.

14. (Currently Amended) A brush system according to Claim 1, wherein Brush system according to one of the preceding Claims, characterized in that the resistor housing

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~~(14)~~ is implemented in a gas-, liquid- and particle-tight manner.

15. (Currently Amended) A brush system according to Claim 1, wherein Brush system according to one of Claims 1-13, characterized in that the resistor housing ~~(14)~~ is implemented in an open manner.

16. (Currently Amended) ~~Electromotive~~ An electromotive drive having a brush system according to Claim 1 ~~one of Claims 1-15~~.

17. (NEW) A brush system according to Claim 1, wherein the brush system elements are brush holder supports.

18. (NEW) A brush system for an electromotive drive unit, comprising:

- a base plate,
- brush system elements mounted on the base plate,
- conductors provided on or in the base plate and
- at least one electrical flat resistor enclosed in a resistor housing, said resistor housing being made of a thermally conductive material and provided with air passage openings.

wherein the base plate has an essentially discoidal shape and has a cut-out in its central area for accommodating the armature shaft with the commutator, and wherein the resistor housing is disposed in the same plane as the base plate and is inserted in another cut-out in the base plate.

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19. (NEW) A brush system according to Claim 18, wherein the resistor housing is essentially disk-segment-shaped.

20. (NEW) A brush system according to Claim 18, wherein the resistor housing is connected to the base plate via snap-in connections.